ITEM DETAIL AND DRAINAGE SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

DRAINAGE STRUCTURES

STA.	STA.	POSITION	ASKEW	TYPE IN/OUT	DITCH IN	DITCH OUT	PIPE ARCH S IN	PIPE ARCH R IN	PIPE ARCH L FT	PIPE D	PIPE L	ALLOWABLE OPTIONS PCCSP TH	CAAP TH	RCP CL	CSP TH	CPEP SL	PCCSP FI TH	PIPE ELBOW NO-DEG	ES EA	CB	PROJECT	DEPTH DI	CONC CL B	REIN STEEL	DI GRATE TYPE	CHAN ELEV	STRUC No.	TR EXCAV EARTH CM	TR EXCAV ROCK CM	COMM EXC	UNC CHAN EXC	STRUC EXCAV CM	GRAN BKF STRUC CM	GRAN BORR	EROS MATT	STONE FILL TYPE	MRKR POSTS LT	MRKR POSTS RT	REMARKS
30+089	30+089	RT/LT								450	18.0					X												77.70											
																					X				D		P1	11.19											
30+089	30+151	LT								450	61.1					X												264.64											
																					X				D		P2	11.00											
30+151	30+151	RT/LT								450	8.5					X												7.82											
																					X				E		P3	6.08											
30+151		LT								450	1.5					X																							
																					X				A		P4	7.39											
30+147		LT																																					
30+148	30+148	LT								750	2.4					X																							
																					X				COV.		P33					16.32							
30+148	30+148	RT/LT								750	19.35					X												93.22											
																					X				COV.		P32					16.69							
30+148	30+210	RT								750	57.63					X												283.31											
																					X				COV.		P31					31.94							
30+151	30+180	LT								750	26.63	X																68.10											
																					X				E		P5					12.39							
30+180	30+180	RT/LT								450	15.0					X												16.60											
																					X				E		P6	5.65											
30+180	30+180	RT								300	3.5					X												2.59											
																					X				A		P30	6.92											
30+180		LT								450	1.5					X																							
																					X				A		P7	8.57											
30+180	30+250	LT								750	68.98	X																123.7	72.56				41.89						
																					X				E		P8					13.01							
30+210	30+265	RT								750	54.1	X																56.7	60.8				60.14						
																					X				COV.		P28					12.32							
30+250	30+250	RT								300	3.5					X																							
																					X				A		P29	4.52	8.34										
30+250		LT								450	1.5					X																							
																					X				A		P10		9.42										
30+250	30+285	LT								900	34.0	X																	84.25				65.96						
																					X				E		P11					10.13							
30+285	30+326	LT								900	39.3					X													154.0				77.97						
																					X				D		P12					13.43							
30+323	A203+52	RT								750	37.5					X													260.9				53.67						
																					X				COV.		P26					21.07							
30+326		LT								450	1.5					X																							
																					X				A		P13		9.23										
30+326	30+326	RT/LT								900	10.0					X													23.14				17.16						
																					X				D		P14					22.22							
30+326		RT								900	14.4					X													58.0				26.47						
																					X				D		P15					18.23							
30+337	5+016	LT								450	8.8					X													16.31				9.14						
																					X				A		P16		6.36										
30+326	30+337	LT								450	9.7					X													23.2				10.12						
																					X				D		P17		6.22										
30+326	30+337	RT								450	9.8					X													21.3				10.33						
																					X				D		P18		7.16										
30+326	30+338	RT								900	9.7					X													54.26				16.89						
																					X				A		P19					31.94							
30+338	30+339	RT								600	5.1					X												4.62	27.65				5.17						
30+338	A203+43	RT								900	3.4					X												3.08	14.57				4.12						
																					X				COV.		P22					50.93							
30+339	A203+43	RT								750	4.8					X												5.04	23.1				5.55						
																					X			2 ea.	COV.		P24					103.76							
A203+43	A203+62	RT								900	9.7					X												25.33	64.41				18.23						
																					X				COV.		P25					42.57							
30+180	30+220	LT																																					
A203+53.5	A203+72	RT																																					
30+130	30+300	RT/LT																																					
30+250	30+250	RT/LT								450	11.5					X													29.6										
																					X				E		P9	2.47	10.36										
30+265	30+323	RT								750	55.5	X																	145.29				98.81						
																					X				COV.		P27					10.60							
30+326	30+357.4	RT								900	36.4	DETOUR				X													117.6										
TOTALS																												1098.24	1303.03			427.65	572.02						

GUARD RAIL

STA.	STA.	LT.	RT.	END TREATMENT	
TOTALS					

UNDERDRAIN

STA.	STA.	TYPE	POS.	D mm	L m	TRENCH E	TRENCH R	GRAN BKF	FB	MKR PST
30+089	30+151		LT	150	63.0	73.39			1	
30+125	30+148		RT	150	25.3	40.23			1	
30+154	30+180		LT	150	24.4	46.25			1	
30+182	30+250		LT	150	68.0	87.98	45.15		1	
30+252	30+285		LT	150	33.0		72.23		1	
30+287	30+326		LT	150	39.3		35.68		1	
30+212	30+250		RT	150	40.0	3.20	73.78		1	
30+310	30+326		RT	150	16.0		32.78		1	
30+326	30+352		LT	150	27.0		40.64		1	
30+326	30+352		RT	150	26.0		38.56		1	
TOTALS					362	251.1	388.87		10	

PROJECT NAME: Brattleboro
PROJECT NUMBER: NH 010-2(2)

FILE NAME:
PROJECT LEADER:
DESIGNED BY:
PLOT DATE: 24-SEP-2001
DRAWN BY: D. Bassett
CHECKED BY:
SHEET 1 OF 1

152 KS